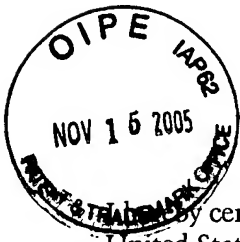



J004 Res'd PGT/PTO 15 NOV 2005



PATENT

### CERTIFICATE OF EXPRESS MAILING

I hereby certify that this correspondence is being deposited on November 15, 2005, with the United States Postal Service as Express Mail under 37 CFR 1.10 in an envelope addressed to: Mail Stop Missing Parts, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 Express Mail No.: EV494042612US.

  
Charles P. Romano, Reg. No. 56,991

In re application of:	:	
Roy Curtiss III	:	Confirmation No.: 4042
	:	
Serial No.: 10/511,616 ✓	:	Examiner: Not yet assigned
	:	
Filed: April 15, 2003	:	Group Art Unit: Not yet assigned
	:	
For: <i>Regulated Attenuation of Live Vaccines</i>	:	
<i>To Enhance Cross-Protective Immunogenicity</i>	:	

Mail Stop Missing Parts  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

### TRANSMITTAL OF MISSING REQUIREMENTS

In response to the Notification of Missing Requirements Under 35 U.S.C. 371 in the United States Designated/Elected Office (DO/EO/US), mailed on May 16, 2005, enclosed herewith for filing are the following:

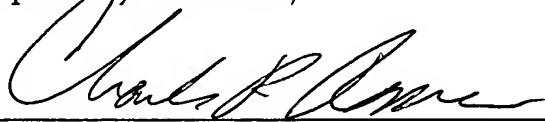
- ☒ A copy of the Notification of Missing Requirements Under 35 U.S.C. 371 in the United States Designated/Elected Office (DO/EO/US).
- ☒ An oath or declaration in compliance with 37 CFR 1.63, including residence information and identifying the application by the above Application Number and Filing Date.
- ☒ A sequence listing (computer readable form and diskette)

- ☒ A paper copy of the "sequence listing", including an amendment directing its entry into the specification
- ☒ A Petition for Extension of Time Under 37 CFR 1.136(a) and the fee of \$795 charged to Deposit Account No. 20-0823. A duplicate copy of this Petition is enclosed for that purpose.

It is believed that the fee is correct, but the Patent Office is hereby authorized to charge any deficiencies or credit any overpayment to Deposit Account 20-0823. A duplicate copy of this Petition is enclosed for that purpose.

Please file said Missing Requirements.

Respectfully submitted,



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Charles P. Romano, Reg. No. 56,991  
Thompson Coburn LLP  
One US Bank Plaza  
St. Louis, Missouri 63101-9928  
(314) 552-6255  
(314-)552-7255 (fax)

Dated: November 15, 2005



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/511,616	Roy Curtiss III	56029-51044

INTERNATIONAL APPLICATION NO.

PCT/US03/11802

LA. FILING DATE

PRIORITY DATE

04/15/2003

04/15/2002

Thompson Coburn  
 One US Bank Plaza  
 St Louis, MO 63101

CONFIRMATION NO. 4042

371 FORMALITIES LETTER



\*OC000000016028338\*

Date Mailed: 05/16/2005

### NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Indication of Small Entity Status
- Copy of the International Application filed on 10/15/2004
- Copy of the International Search Report filed on 10/15/2004
- Copy of IPE Report filed on 10/15/2004
- Preliminary Amendments filed on 10/15/2004
- U.S. Basic National Fees filed on 10/15/2004
- Priority Documents filed on 10/15/2004

**RECEIVED**

MAY 19 2005

Thompson Coburn LLP

**DOCKETED**

MAY 19 2005

Thompson Coburn LLP

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- This application clearly fails to comply with the requirements of 37 CFR. 1.821-1.825. Applicant's attention is directed to the final rulemaking notice published at 55 FR 18230 (May 1, 1990), and 1114 OG 29 (May 15, 1990). If the effective filing date is on or after July 1, 1998, see the final rulemaking notice published at 63 FR 29620 (June 1, 1998) and 1211 OG 82 (June 23, 1998). If the effective filing date is on or after September 8, 2000, see the final rulemaking notice published in the Federal Register at 65 FR 54604 (September 8, 2000) and 1238 OG 145 (September 19, 2000). Applicant must provide an initial computer readable form (CRF) copy of the "Sequence Listing", an initial paper or compact disc copy of the "Sequence Listing", as well as an amendment directing its entry into the application. Applicant must also provide a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). If applicant desires the sequence listing in the instant application to be identical with that of another application on file

in the U.S. Patent and Trademark Office, such request in accordance with 37 CFR 1.821(e) may be submitted in lieu of a new CRF.

- A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 CFR 1.821(e). If the effective filing date is on or after September 8, 2000, see the final rulemaking notice published in the Federal Register at 65 FR 54604 (September 8, 2000) and 1238 OG 145 (September 19, 2000). Applicant must provide an initial computer readable form (CRF) copy of the "Sequence Listing" and a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). If applicant desires the sequence listing in the instant application to be identical with that of another application on file in the U.S. Patent and Trademark Office, such request in accordance with 37 CFR 1.821(e) may be submitted in lieu of a new CRF.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

**For questions regarding compliance to 37 CFR 1.821-1.825 requirements, please contact:**

- For Rules Interpretation, call (571) 272-0951
- For Patentin Software Program Help, call Patent EBC at 1-866-217-9197 or directly at 703-305-3028 / 703-308-6845 between the hours of 6 a.m. and 12 midnight, Monday through Friday, EST.
- Send e-mail correspondence for Patentin Software Program Help @ [ebc@uspto.gov](mailto:ebc@uspto.gov)

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

CHARITTA A BURT

Telephone: (703) 308-9140 EXT 207

**PART 1 - ATTORNEY/APPLICANT COPY**

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/511,616	PCT/US03/11802	56029-51044